

Title (en)

Fork, with cutting device, for extracting fodder from silos.

Title (de)

Gerät zum Ausschneiden und Entnehmen von Futterblocks aus Silos.

Title (fr)

Fourche à dispositif de découpage pour prélèvement de matière ensilée.

Publication

**EP 0041445 A1 19811209 (FR)**

Application

**EP 81400843 A 19810526**

Priority

FR 8011899 A 19800529

Abstract (en)

1. A fork for the removal of silage, comprising a frame (1) equipped with parallel teeth (2) which terminate as a whole along a rectangular contour (5), a shaft (6) supported perpendicularly to the plane of the teeth (2), a cutting apparatus (3) supported from the shaft (6) and having a cutting member (4) which can be moved along the contour (5), a guideway (19) reproducing the shape of the contour (5) and means of movement of the cutting apparatus (3) along the contour (5) about the geometrical axis of the shaft (6), characterized in that the cutting apparatus (3) is supported by a pantograph P which can move in a plane parallel with the plane of the teeth (2) and has firstly a first main leg (9) mounted by one end about the shaft (6) and a second main leg (11) at the free end of which is mounted the cutting apparatus (3), and secondly a first secondary leg (12) and a second secondary leg (14) hinged together about a hinge pin (17) aligned with the shaft (6) and the cutting apparatus (3), the said hinge pin being provided with at least one roller which engages with the guideway (19), and in that the guideway reproduces on a reduced scale the contour (5).

Abstract (fr)

Fourche à dispositif de découpage pour prélèvement de matière ensilée. Un bras de soutien (40) entraîné en rotation autour d'un arbre (6) et de longueur variable porte par un support d'orientation (39) un appareil de coupe (3); un pantographe P ayant des galets (22) engagés dans un chemin de guidage (19) reproduisant le contour (5) à découper règle la longueur du bras (40) tandis qu'un parallélogramme (14,31,32,35) associé à un levier de renvoi (37) règle l'orientation du support (39).

IPC 1-7

**A01F 25/20**

IPC 8 full level

**A01F 25/20** (2006.01)

CPC (source: EP)

**A01F 25/2027** (2013.01); **A01F 25/2036** (2013.01); **A01F 2025/2054** (2013.01)

Citation (search report)

GB 1518595 A 19780719 - BSL LANDMASCHF LAER, et al

Cited by

FR2535158A1; FR2514229A1; FR2509957A1; FR2546152A1; EP0330538A1; FR2627382A1; EP0054485B1

Designated contracting state (EPC)

AT BE CH DE GB IT LU NL SE

DOCDB simple family (publication)

**EP 0041445 A1 19811209**; **EP 0041445 B1 19840829**; AT E9129 T1 19840915; DE 3165754 D1 19841004; FR 2483167 A1 19811204; FR 2483167 B1 19840309

DOCDB simple family (application)

**EP 81400843 A 19810526**; AT 81400843 T 19810526; DE 3165754 T 19810526; FR 8011899 A 19800529